This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (currently amended) A method for providing navigation information supporting navigation through different images of one or more video programs, comprising the steps of:

parsing encoded packetized data representative of a sequence of individual images to determine parameters to support navigation through said sequence of individual images;

formatting said determined parameters into a predetermined data structure;

incorporating said determined parameters in said predetermined data structure into a pre-formed navigation data field; and

providing said encoded packetized data and said pre-formed navigation data field as an output in a ~~said~~ second data format, wherein,

said data format conversion converts at least one of~~, (a)~~ a volume structure to a different volume structure corresponding to said second data format and navigation data to different navigation data comprising said pre-formed navigation data field compliant with said second data format. ~~, (b) file structure, and (c) navigation data, compliant with said first data format into at least one of, (a) a different volume structure, (b) a different file structure, and (c) different navigation data comprising said navigation data field, compliant with said second data format.~~

2. (currently amended) A method according to claim 1, wherein said ~~derived~~ determined parameters comprise at least one of, (a) data identifying a group of pictures (GOP) format, (b) a number of GOPs in a video object unit (VOBU), (c) data identifying reference frames in a VOBU or GOP, (d) a start address of image representative data, (e) an end address of image representative data, (f) a parameter identifying size of image representative data, (g) trick play mode selection information and (h) file structure information.

3. (currently amended) A method according to claim 1, wherein

said ~~derived~~ determined parameters in said navigation data field support navigation through images in at least one of, (a) a frame, (b) a group of pictures (GOP), (c) a video object unit (VOBU), (d) a program, (e) different programs and (f) video data of different MPEG compatible elementary streams.

4. (currently amended) A method according to claim 3, wherein

said different programs comprise a video program and an associated program comprising one of, ~~(i) audio data, (ii)~~ Internet web page data, ~~(iii)~~ text data, and ~~(iv)~~ program guide data.

5. (original) A method according to claim 3, wherein

said different programs comprise two different video programs.

6. (original) A method according to claim 1, wherein said incorporating step comprises

incorporating said determined parameters in a previously blank area of said pre-formed navigation data field.

7. (original) A method according to claim 1, including the step of incorporating an indicator in a datastream including said encoded packetized data and said navigation data field to indicate said determined parameters are incorporated in said navigation data field.

8. (original) A method according to claim 1, wherein said pre-formed navigation data field comprises a header and a payload and said determined parameters are incorporated in said navigation data field payload.

9. (original) A method according to claim 1, including the step of forming said pre-formed navigation data field to accommodate subsequent insertion of said determined parameters.

10. (original) A method according to claim 1, wherein said encoded packetized data is stored and said parsing occurs in response to initiation of a data format conversion operation.

11. (currently amended) A method for converting image representative digital video data in a first data format corresponding to a digital disc format to a different second data format corresponding to a second digital disc format in response to initiation of data format conversion, comprising the steps of:

generating navigation parameters to support navigation through a sequence of individual images by parsing encoded packetized data representative of a sequence of individual images in said first data format of said digital disc format, wherein said navigation parameters are derived from at least one of: navigational information related to the sequence of individual images and file structure information of said digital disc format;

incorporating said navigation parameters into a navigation data field; and

providing an output comprising packetized data representative of a sequence of individual images in said different second data format including said navigation data field in a different data format of said second digital disc format and a different file structure of said second digital disc format.

12. (original) A method according to claim 11, wherein said step of incorporating said navigation parameters into said navigation data field comprises re-formatting an existing navigation data field with said navigation parameters.

13. (currently amended) A method according to claim 11~~6~~, wherein

said first data format comprises a read only data format and

said second data format comprises a different recordable data format.

14. (currently amended) A method for converting image representative digital video data of a first data format of a digital disc format to a different second data format of a second digital disc format in response to initiation of data format conversion, comprising the steps of:

parsing encoded packetized data representative of a sequence of individual images in a first data format of said digital disc format to derive parameters to support navigation through said sequence of individual images, wherein the packetized data comprises at least one of: navigation data related to the sequence of individual images and file structure information of said digital disc format;

incorporating said derived parameters into a pre-formed navigation data field; and

providing said encoded packetized data and said pre-formed navigation data field as an output in said second data format in at least one of:

new navigation data format and new file structure format of said second digital disc format.

15. (original) A method according to claim 14, wherein said derived parameters comprise at least one of, (a) data identifying a group of pictures (GOP) format, (b) a number of GOPs in a video object unit (VOBU), (c) data identifying reference frames in a VOBU or GOP, (d) a start address of image representative data, (e) an end address of image representative data, (f) a parameter identifying size of image representative data, (g) trick play mode selection information and (h) file structure information.

16. (original) A method according to claim 15, wherein
said derived parameters in said navigation data field support navigation through images in at least one of, (a) a frame, (b) a group of pictures (GOP), (c) a video object unit (VOBU), (d) a program, (e) different programs and (f) video data of different MPEG compatible elementary streams.

17. (currently amended) A method according to claim 16, wherein
said different programs comprise a video program and an associated program comprising one of~~, (i) audio data, (ii)~~ Internet web page data, ~~(iii)~~ text data, and ~~(iv)~~ program guide data.

18. (original) A method according to claim 16, wherein
said different programs comprise two different video programs.

19. (original) A method according to claim 14, including the step of
incorporating an indicator in a datastream including said encoded packetized data and said navigation data field to indicate data format conversion has been performed.

20. (original) A method according to claim 14, wherein
said pre-formed navigation data field comprises a header and a payload and said determined parameters are incorporated in said navigation data field payload.

Claims 21-23 (cancelled)